

Volume Resistivity vs Carbon Black
Concentration in EVA at 23°C and 90°C

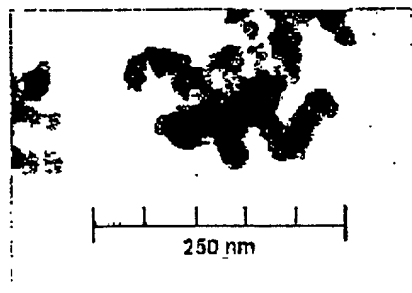


Figure 1. Aggregates
of an Oil Furnace Carbon Black

VOLUME RESISTIVITY (OHM-CM)

10⁴

10³

10²

10

1

— VULCAN®
XC-72
BLACK
- - - VULCAN® P
BLACK
- - - BLACK
PEARLS®
2000 BLACK

90°C

90°C

23°C and 90°C

23°C

23°C

5 10 15 20 25 30 35 40
WEIGHT PERCENT CARBON BLACK

FIG. 1
(PRIOR ART)

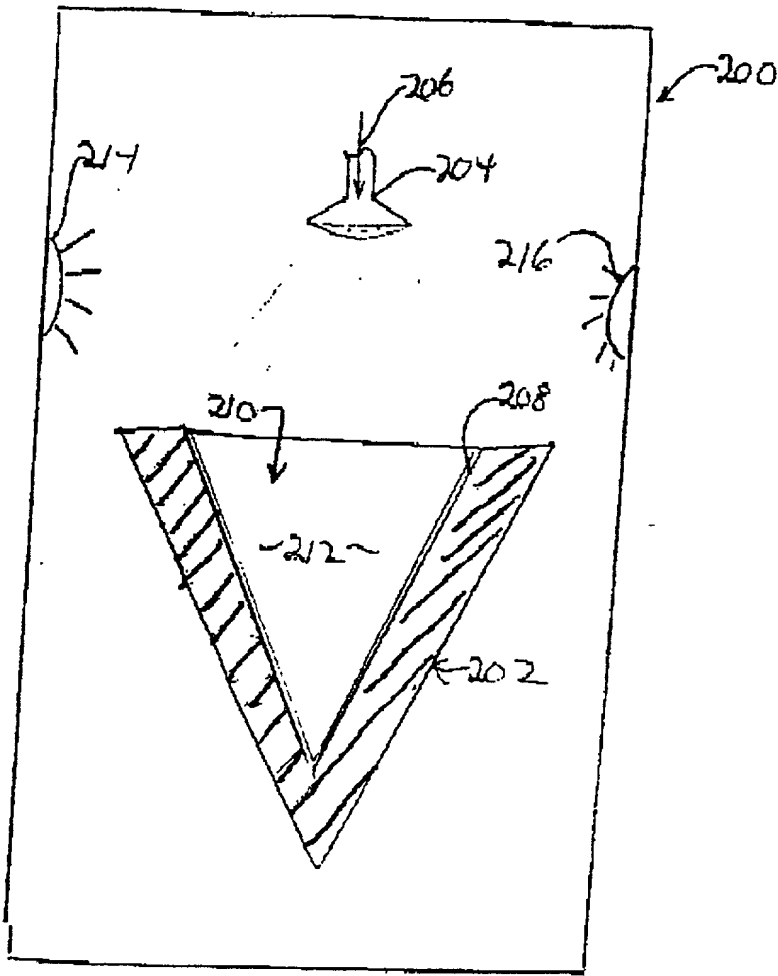


FIG. 2

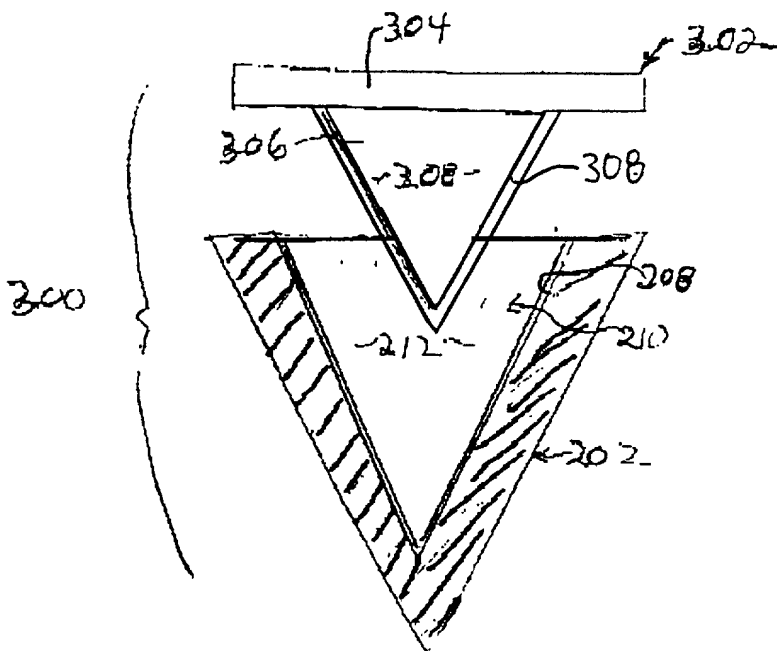


FIG. 3

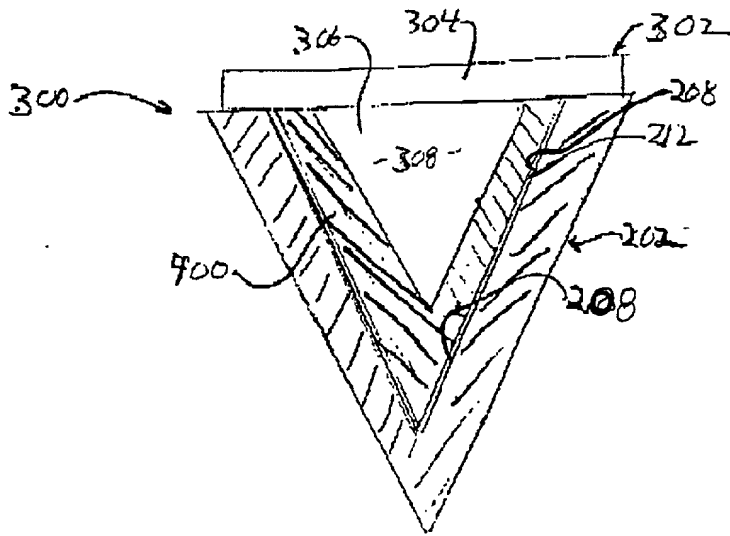


FIG. 4

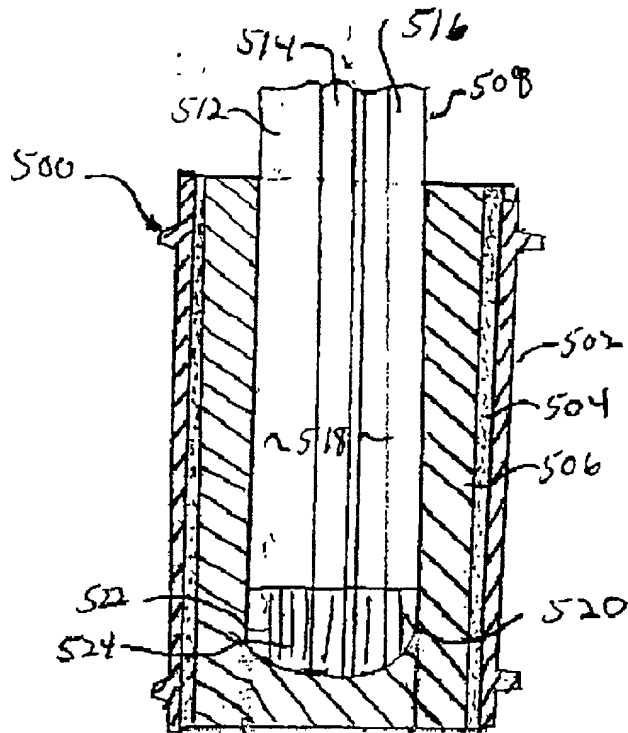


FIG. 5